



**PATENT COOPERATION TREATY**  
**PCT**  
**INTERNATIONAL PRELIMINARY EXAMINATION REPORT**  
(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>A2421PC</b>	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/PEA/416)																									
International application No. <b>PCT/FI 03/00147</b>	International filing date ( <i>day/month/year</i> ) <b>28.02.2003</b>	Priority date ( <i>day/month/year</i> ) <b>30.04.2002</b>																								
International Patent Classification (IPC) or both national classification and IPC <b>H04L29/06</b>																										
Applicant <b>TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)</b>																										
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p><input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of 10 sheets.</p>																										
<p>3. This report contains indications relating to the following items:</p> <table style="width: 100%;"><tr><td style="width: 5%;">I</td><td style="width: 5%;"><input checked="" type="checkbox"/></td><td>Basis of the opinion</td></tr><tr><td>II</td><td><input type="checkbox"/></td><td>Priority</td></tr><tr><td>III</td><td><input type="checkbox"/></td><td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td></tr><tr><td>IV</td><td><input type="checkbox"/></td><td>Lack of unity of invention</td></tr><tr><td>V</td><td><input checked="" type="checkbox"/></td><td>Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td></tr><tr><td>VI</td><td><input type="checkbox"/></td><td>Certain documents cited</td></tr><tr><td>VII</td><td><input type="checkbox"/></td><td>Certain defects in the international application</td></tr><tr><td>VIII</td><td><input type="checkbox"/></td><td>Certain observations on the international application</td></tr></table>			I	<input checked="" type="checkbox"/>	Basis of the opinion	II	<input type="checkbox"/>	Priority	III	<input type="checkbox"/>	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	IV	<input type="checkbox"/>	Lack of unity of invention	V	<input checked="" type="checkbox"/>	Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	VI	<input type="checkbox"/>	Certain documents cited	VII	<input type="checkbox"/>	Certain defects in the international application	VIII	<input type="checkbox"/>	Certain observations on the international application
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Date of submission of the demand  <b>13.11.2003</b>	Date of completion of this report  <b>05.08.2004</b>																									
Name and mailing address of the international preliminary examining authority:   <b>European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465</b>	Authorized Officer  <b>Günther, S</b>  Telephone No. +49 89 2399-6962  																									

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

## PCT

### NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT (PCT Rule 71.1)

To:

BORENIUS & CO OY AB  
Tallberginkatu 2 A  
FI-00180 Helsinki  
FINLANDE

Date of mailing  
(day/month/year) 05.08.2004

Applicant's or agent's file reference  
A2421PC

#### IMPORTANT NOTIFICATION

International application No.  
PCT/FI 03/00147

International filing date (day/month/year)  
28.02.2003

Priority date (day/month/year)  
30.04.2002

Applicant  
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

#### 4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

The applicant's attention is drawn to Article 33(5), which provides that the criteria of novelty, inventive step and industrial applicability described in Article 33(2) to (4) merely serve the purposes of international preliminary examination and that "any Contracting State may apply additional or different criteria for the purposes of deciding whether, in that State, the claimed inventions is patentable or not" (see also Article 27(5)). Such additional criteria may relate, for example, to exemptions from patentability, requirements for enabling disclosure, clarity and support for the claims.

Name and mailing address of the international  
preliminary examining authority:



European Patent Office  
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Tel. +49 89 2399 - 0 Tx: 523656 epmu d  
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**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

International application No. **PCT/FI 03/00147**

**I. Basis of the report**

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

**Description, Pages**

1, 2, 8-11 as originally filed  
3A, 4A, 5A, 6A, 7A received on 16.07.2004 with letter of 16.07.2004

**Claims, Numbers**

1-24 received on 16.07.2004 with letter of 16.07.2004

**Drawings, Sheets**

1/2-2/2 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).  
☐ the language of publication of the international application (under Rule 48.3(b)).  
☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority in written form.  
☐ furnished subsequently to this Authority in computer readable form.  
☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.  
☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:  
☐ the claims, Nos.:  
☐ the drawings, sheets:

**INTERNATIONAL PRELIMINARY  
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International application No. **PCT/FI 03/00147**

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5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

*(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)*

6. Additional observations, if necessary:

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Yes: Claims	1-24
	No: Claims	
Inventive step (IS)	Yes: Claims	1-24
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-24
	No: Claims	

2. Citations and explanations

**see separate sheet**

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT - SEPARATE SHEET**

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International application No. PCT/FI03/00147

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

1. Reference is made to the following document:

D1: WO 01/31903 A

2. It is considered that the present invention meets the criteria of Article 33(1) PCT with regard to novelty, inventive step and industrial applicability.
3. The subject-matter of claim 1 is new and is considered to be inventive, Article 33(2) and (3) PCT, since the prior art cited in the International Search Report does neither disclose or suggest the claimed method of establishing anonymous communication in an IP based network.
  - 3.1. D1 discloses requesting, providing, announcing a temporary anonymous subscriber identity, initiating and establishing one anonymous communication path towards the temporary anonymous identity, initiating and establishing another anonymous communication path towards the subscriber identity and suppressing the subscriber identity.
  - 3.2. The subject-matter of claim 1 in the present application differs from the disclosure in D1 in requesting, reserving, providing, announcing a temporary SIP address; initiating and establishing a communication path towards the temporary SIP address using the subscriber identity associated with the temporary SIP address.
  - 3.3. The problem to be solved by the present invention is to introduce unified anonymous communication in an IP based network.
  - 3.4. The solution is not obvious from the above mentioned prior art. D1 does not support real-time communication in IP networks. Instead, D1 points out that the end quality of voice over IP networks is not satisfactory, and introduces a call broker, which calls and hides the real subscriber identities.

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT - SEPARATE SHEET**

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International application No. PCT/FI03/00147

The remaining documents cited in the International Search Report disclose further different technical solutions to establish an anonymous communication. Either the real SIP addresses are suppressed in the network to achieve a certain degree of anonymity, or temporary call IDs are used to manage anonymous voice calls.

4. The features of independent apparatus claim 13 entirely correspond to the method steps of claim 1. Therefore, the subject-matter of claim 13 is also new and inventive, Article 33(2) and (3) PCT.
5. Claims 2-12, 14-24 are dependent on method claim 1 and apparatus claim 13, and as such also meet the requirements of PCT, Article 33(2) and (3) PCT.
6. Remarks
- 6.1. Although claims 1, 13 are drafted in the two-part form, the features known from the prior art (see 3.1.) are not placed in the preamble, Rule 6.3(b) PCT.